

GRAHAM COUNTY BOARD OF SUPERVISORS
921 THATCHER BLVD.
SAFFORD, SAFFORD, AZ 85546

BID NUMBER: #15/16-36
BID TITLE: THREE COMMUNICATION TOWER
FOUNDATIONS

DEAR INTERESTED BIDDER:

The Board of Supervisors is accepting sealed bids for the **THREE COMMUNICATION TOWER FOUNDATIONS**. **SEE ATTACHED SPECIFICATION SHEET.** Respondents to this bid invitation must identify any deviations from the bid specifications.

If you have any questions regarding this bid please contact McCoy Hawkins at (928) 965-7917. All bids must be clearly marked **THREE COMMUNICATION TOWER FOUNDATIONS #15/16-36** on the outside of the envelope and returned to the above address.

TOWER SITES: Ashurst Cemetery - 14500 W. Ashurst Rd., Ft Thomas, Az
Cactus Tower – End of Mohawk Drive, Safford, Az
Freeman Tower – NE of 2598 W. Dove Ln., Thatcher, Az

The bid shall follow the specifications as closely as possible and will be rejected if it excluded or omits any portion thereof. The Board of Supervisors reserves the right to reject any or all bids. This proposal must include all taxes, freight, delivery charges and/or other charges as may be applicable. The Board of Supervisors will pay only the amount submitted on the proposal, upon receipt of equipment. NO PARTIAL PAYMENTS WILL BE MADE. FULL PAYMENT WILL BE MADE AT THE NEXT REGULAR SUPERVISORS MEETING AFTER THE COMPLETION OF THE PROJECT AND WITH A FULLY COMPLETED INVOICE. THE INVOICE MUST BE RECEIVED BY 12:00 NOON WEDNESDAY PRIOR TO THE BOARD MEETING DATE. THE BOARD MEETS THE FIRST AND THIRD MONDAYS OF EACH MONTH.

The bid must be delivered to the Board of Supervisors office by THURSDAY, MARCH 17, 2016 BY 5:00 P.M. THE BIDS WILL BE OPENED MONDAY, MARCH 21, 2016.

DATE: March 9, 2016

GRAHAM COUNTY BOARD OF SUPERVISORS

By: _____

PROPOSAL
THREE COMMUNICATION TOWER FOUNDATIONS
BID #15/16-36

BID AMOUNT \$ _____
TAX \$ _____
DELIVERY/FRT \$ _____
OTHER \$ _____
TOTAL BID AMT \$ _____

DELIVERY DATE: 8 weeks after date of bid award

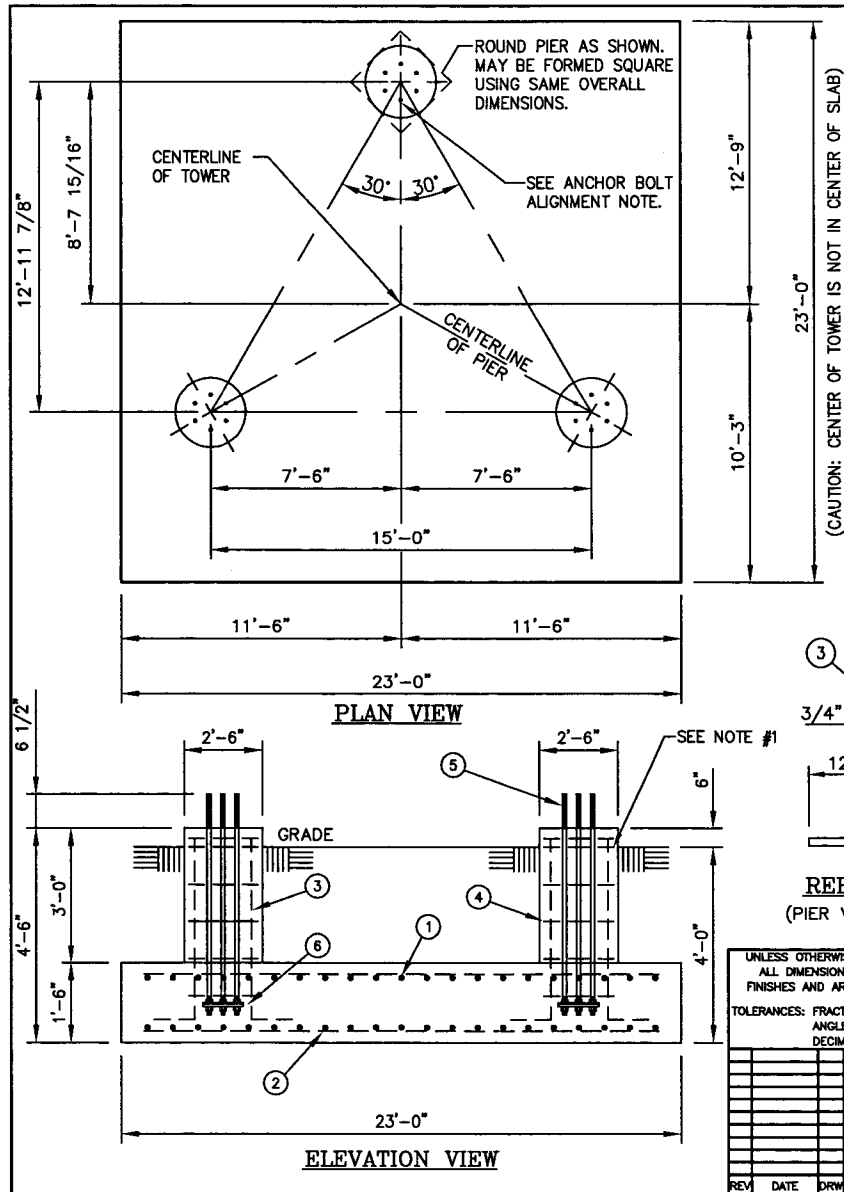
F.O.B. GRAHAM COUNTY HIGHWAY YARD
3400 W. 8th Street
Thatcher Blvd., Safford, Az 85546

COMPANY NAME / PHONE

ACCEPTED AND AGREED TO:
GRAHAM COUNTY BOARD OF SUPERVISORS

AUTHORIZED SIGNATURE / DATE

AUTHORIZED SIGNATURE / DATE



REINFORCING STEEL SCHEDULE

ITEM	LOCATION	NO. REQ'D	BAR SPC'G.	SIZE	CUT LGTH.	TOTAL LGTH.	TOTAL WT.	SHAPE
①	PAD TOP REINFORCING	58	EQUALLY SPACED	#6	22'-6"	1305'-0"	1960 LBS.	STRAIGHT
②	PAD BOTTOM REINFORCING	58	EQUALLY SPACED	#6	22'-6"	1305'-0"	1960 LBS.	STRAIGHT
③	PIER VERTICAL REINFORCING	36	EQUALLY SPACED	#6	4'-9"	171'-0"	257 LBS.	
④	PIER TIES	15	SPACED 12" C/C	#4	7'-6"	112'-6"	75 LBS.	

TOTAL REBAR WT. 4252 LBS.

ANCHOR BOLT SCHEDULE

ITEM	PART NO.	NO. REQ'D	ANCHOR BOLT SIZE	SPACING
⑤	C40041058	18	1 ϕ X 4'-3"	EQUALLY SPACED

TEMPLATE SCHEDULE

ITEM	PART NO.	NO. REQ'D	BOLT CIRCLE
⑥	C30139103	6	9"

CONCRETE REQ'D	ROUND PIERS	SQUARE PIERS
PAD	29.39 CU. YDS.	29.39 CU. YDS.
PIERS	1.64 CU. YDS.	2.08 CU. YDS.
TOTAL	31.03 CU. YDS.	31.47 CU. YDS.

GENERAL NOTES

- CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4500 PSI, IN ACCORDANCE WITH ACI 318-05 (2 REBAR TIES REQ'D IN THE TOP 5").
- REBAR TO CONFORM TO ASTM SPECIFICATION A615 GRADE 60.
- ALL REBAR TO HAVE A MINIMUM OF 3" CONCRETE COVER.
- ALL EXPOSED CONCRETE CORNERS TO BE CHAMFERED 3/4".
- THE FOUNDATION DESIGN IS BASED ON PRESUMPTIVE CLAY SOIL AS DEFINED IN ANSI/TIA-222-G-2005. IT IS RECOMMENDED THAT A SOIL ANALYSIS OF THE SITE BE PERFORMED TO VERIFY THE SOIL PARAMETERS USED IN THE DESIGN.
- THE FOUNDATION IS BASED ON THE FOLLOWING FACTORED LOADS:
FACTORED DOWNLOAD (KIPS) = 12.38
FACTORED OVERTURN (KIP-FT) = 2146.97
FACTORED SHEAR (KIPS) = 40.39
- 2.5 FT. OF SOIL COVER IS REQUIRED OVER THE ENTIRE AREA OF THE FOUNDATION SLAB.
- ONE ANCHOR BOLT MUST BE ALIGNED DIRECTLY WITH THE CENTER OF THE TOWER (TYPICAL).

REBAR DETAIL (PIER VERTICAL REBAR)

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS INCLUDE
FINISHES AND ARE IN INCHES

TOLERANCES: FRACTIONS $\pm 1/16"$
ANGLES $\pm 1/2$ DEG.
DECIMALS $\pm .010"$

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL

Sabre Industries
Towers and Poles

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FOUNDATION: 100 FT. MODEL S3TL-HD1

SITE: TOWER #3, AZ

CUSTOMER: GRAHAM COUNTY

JOB NO. 137029		SIZE	DRAWING NO.		REV
DATE	02/10/16	B	137029-F1		0
DRAWN BY	RWM		SCALE		PAGE
CHECKED BY	LRS		NONE		1 OF 1